



Public

Feasibility Study for Safety Center

City of Patterson



April 20, 2021

LDA Partners
DESIGNERS & ARCHITECTS
222 Central Court Stockton, CA 95204

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Narrative

Public Safety Center

The purpose of this Feasibility Study is to evaluate and determine the potential for development of a Public Safety Center (PSC), joint facility, on property in proximity of the Patterson City Hall. Requested services included:

- **Space Needs Assessment Review and Update**
Review of prior studies and assessment of the current and future space needs of the joint facility accommodating both the [Fire Administration and Law Enforcement – Administration and Operations](#).
- **Site Evaluation**
Evaluation of the propose site to determine the capacity for building and site development.
- **Schematic Design**
Development of schematic design drawings composed of site plan, floor plans, exterior elevations, and rendering(s) presenting functional and aesthetic responses to the design criteria.
- **Estimate of Probable Cost**
Detail of costs for site development, building construction, and construction of bridge linking the PSC to City Hall.

OVERVIEW

Programming

The first step in developing the project is the assessment of the current, desired, and future space needs. To this end the architect and Building and Capital Projects staff met and interviewed with the Fire Chief and Police Chief. In addition, the team toured and catalogued the Fire Department Administration Office and the Police Department Office. From the information and data acquired, the architect prepared a spreadsheet Program itemizing and quantifying the space needs of the Police and Fire Departments and supporting building infrastructure. Subsequent communications and meetings of all parties refined the program which resulted in determination of the space requirements and configuration.

(Refer to Program, pages 7,8 & 9)

Site Development

The City identified the existing Police Station and the existing, adjacent, building at 21 South Del Puerto Avenue as the location for the proposed Public Safety Center. The footprint of these buildings together (10,960 sf) is not sufficient to provide for the programmed square footage (18,699 sf) of the PSC and, therefore, requiring demolition to accommodate a two story design for the PSC. Sitework will include demolition and reconfiguration of parking and circulation to maximize parking stall count. The parking area will be fenced and gated with controlled access for security.

(Refer to Site Plans, pages 12&13)

Building Design

The available site size dictates a two-story building configuration to house Fire and Law Enforcement offices and the shared, joint use, spaces. The ground floor is fully dedicated to Police Administration and Operations; the second floor accommodates Fire Administration and shared locker rooms and fitness areas. In addition, the proposed second floor allows for future interior improvement spaces. Each floor has a public lobby accessing the elevator and stairs. In addition, the Public Safety Center and City Hall are linked at the second floor levels by an enclosed bridge.

(Refer to Floor Plans, pages 15&16)



The proposed Public Safety Center's exterior treatments reflect the vision of the City's "Downtown Design Guidelines and Physical Design Plan". The "Goals for Downtown Design" state:

"The Downtown Design Guidelines and Physical Design Plan is intended to capture the community's shared vision for a revitalized Downtown that is an attractive place to visit, shop and do business by providing a physical design plan that can help guide these revitalization efforts. In the downtown, attention to the design details of both private property development, and the City's treatment of the public realm, warrant more detailed planning and design direction than the general guidelines provide."

"The downtown is an area of the city where the design of individual projects and the streetscape are critical to maintaining or improving the attractiveness and other special qualities of each area."

It is important that any new construction within the downtown respond to and embrace the Downtown Design Guidelines, and the proposed Public Safety Center makes every effort to do so.

Below are excerpts from the *Downtown Design Guidelines* with the proposed PSC building design responses:

- **Street orientation.** Buildings in the downtown should be located at the back of the sidewalk.
The PSC is located at the back of sidewalk, in alignment with adjacent buildings on the block.
- **Height, scale.** All buildings in the downtown should be at least two stories or 30 feet in height, particularly within the interiors of blocks. The height and scale of new structures and alterations to existing structures should complement existing adjacent buildings and provide human scale and proportion.
The building two stories, roughly 30 in height, as is the City Hall.
- **Façade design.** New structures and remodels should provide storefront windows, doors, entries, transoms, awnings, cornice treatments and other **architectural features that complement existing structures, without duplicating a particular architectural style.**
It is the intent of the PSC to relate to the City Hall, creating a visual “civic center” continuity. The building’s scale, color, terra cotta tile roof “eyebrow” complement the City Hall without “duplicating”.
- **Proportions in relation to context.** Buildings should be designed with consideration of the characteristic proportions (relationship of height to width) of existing adjacent facades, as well as the rhythm, proportion, and spacing of their existing door and window openings.
The second story window sizes and rhythm mimic those of City Hall.
- **Wall surfaces.** Wall surfaces, particularly at the street level, should be varied and interesting, rather than unbroken and monolithic.
While exterior colors, windows, and roof treatment relate to the City Hall, the street façade is broken at the building main entry, giving relief and “announcing” the building’s entrance.
- **Bulkheads.** Storefront windows should not begin at the level of the sidewalk, but should sit above a base, commonly called a “bulkhead,” of 18 to 36 inches in height.
A 36” high “bulkhead” of cast stone warps around the building, visually anchoring to the site.

(Refer to Exterior Elevations & Renderings, pgs. 18-24)

The proposed Public Safety Center design intends to tie and unite with the Patterson City Hall, both visually and physically. The PSC’s scale, color, roofing materials, window sizes and repetition are selected to create a cohesive transition between these civic buildings. The addition of the PSC, along with City Hall, will project a “civic center” setting for the City of Patterson. Additionally, City Hall and the PCS will be connected at the second floor level by means of an enclosed bridge, functionally bring the buildings together as one.


Cost Estimate

Based on the schematic design, an Estimate of Probable Cost was prepared for the project construction.

(Refer to Cost Estimate, pgs. 25-38)

Program



Program - Police Department

Space Program Public Service Center				Red: Dept review		LDA Partners DESIGNERS & ARCHITECTS				
Position/Space	Space	Qty.	Unit SF	SF to Factor	SF No-Factor	GSF Total	Note	Internal Adjacencies	External Adjacencies	Comments/Special Considerations
Red: Dept review										
POLICE DEPARTMENT										
Administration										
x Lobby		1	200	200				# of shared		sent to, secured and hardened (add seating for 4 if shared with fire) meso drop box
x Chief's Office	PO5	1	384	384						Adj. to Chief
x Anti-Seating		2	15	30						
x Records Subv. Office	PO2	1	120	120				Records Clerks		
x Records Clerk	WS4	3	80	240				Lobby		Clerks oversee public counter, ballistic resistant walls/doors/glazing adj. to Lobby
x Records Storage		1	70	70			7x10			SECURE ACCESS
x Files		5	5	25						5 - 42" lateral files
x Copy/Work/Mail/Storage		1	150	150				Clerks		
x Live Scan/CAD Command		1	80	80						
x Public Restrooms		1	64	64				Lobby		
Subtotal SF				1363	0					
Net to Gross Factor = 1.5						2,045				
Community Services										
x Officer	WS3	4	64	256						2 current + 2 future. In one room. Personal locker at ea. Workstation
x Copy		1	50	50						Copy machine, storage cabinet
Subtotal SF				306	0					
Net to Gross Factor = 1.5						459				
Crime Prevention										
x Crime Prevention Officer	WS3	1	64	64						Personal locker at ea. workstation
x Crime Prevention Unit	WS3	2	64	128						Personal locker at ea. workstation
x School Resource Officer	WS3	2	64	128						Personal locker at ea. workstation
x Copy/Storage		1	80	80						Copy machine & cabinet Storage
Subtotal SF				416	0					
Net to Gross Factor = 1.5						624				
Delectives										
x Sergeants	WS5	2	96	192						2 Sgts. storage room, personal locker at ea. workstation
x Detectives	WS4	6	80	640						Arrange 4 & 4 on ea. side of room/monitoring at end wall, center layout counter, personal locker at ea. workstation
x Monitoring Counter		1	50	50						1011 counter
x Layout/Conf Table		1	18	18						In center of room
x Clerks	WS4	2	80	160						Can be off of reception area
x Interview Room		3	64	192						Controlled exiting access
x Soli. Room		1	64	64						Controlled exiting access
x Equipment Room		1	56	56			7x8			
x Copy		1	25	25						Copy machine
Subtotal SF				1,427	0					
Net to Gross Factor = 1.5						1,855				
Patrol Services										
x Papering Area - Sergeants	WS5	4	96	384						Arrange 2 & 2 on ea. side of room/counter at end wall, center layout counter, personal locker at ea. workstation
x Counter		1	50	50						1011 counter
x Layout/Conf Table		1	48	48						In center of room
x Copy		1	25	25						Copy machine
x Body Cam		1	25	25						
x Briefing Room		1	375	375		375				Accommodate 25 @ 15ft. AV white/black boards
x Patrol Equip. Storage		1	300	300		300				
Subtotal SF				532	675					
Net to Gross Factor = 1.5						1,473				

Program - Police Department

	Position/Space	Space	Qty.	Unit SF	SF to Factor	SF No-Factor	GSF Total	Note	Internal Adjacencies	External Adjacencies		Comments/Special Considerations
	Traffic Unit											
X	Officers	W33	6	54	384			incl. Mail				Arrange 3 & 3 on ea. side of room, center layout counter, personal locker at ea. workstation
X	Counter		1	50	50							TOT, counter
X	Layout/Conf Table		1	48	48							In center of room
X	Copy		1	25	25							Copy machine
X	Equipment Room		1	120	120			10-20				
	Subtotal SF				627	0						
	Net to Gross Factor - 1.5				941		941					
	Property/Evidence Room											Controlled Access
X	Processing		1	192	192			12x16				Work counter, sink/counter, fridge/freezer, eyewash/vazmat station (allow for future vented testing)
X	Storage		1	10	10			10'x12'				lockers
X	Secure Storage		1	10	10			10'x12'				Enhance security and ventilation
	Subtotal SF				212	0						
	Net to Gross Factor - 1.3				276		276					
	Support											
X	Tactical Gear		1	150	150			allow 10x15				Open lockers
X	Armory (include in tactical gear)		1	150	150			allow 10x15				Secure lockers
X	Holding Room		1	180	180							7x12 angle room w/ barred door adjacent to Bx12 holding room w/ toilet, sink, & com. masonry walls
	Subtotal SF				480	0						
	Net to Gross Factor - 1.3				624		624					
	Locker Room & Weight Room											
X	Lockers/Restroom/Showers- Men		1	1,100		1,100		40 men				
X	Lockers/Restroom/Showers- Women		1	750		750		40-10x15 women				
X	Fitness Room		1	900		900		40-51				
	Subtotal SF				0	2,750						
	Net to Gross Factor - 1.5				0		2,750					
	Department Support											
X	Break Room		1	200		200						Seat 10, sink/micro/storage
X	IT Room		1	50		50						
X	Custodial		1	50		50						
X	Storage		1	50		50						
X	Main Mech/Elect Room		1	120		120						Exterior access
X	IT/Elect Distribution Closet		1	30		30						
X	Fire Riser Room		1	30		30						Exterior access
	Subtotal SF				0	500						
	Net to Gross Factor - 1.3				0		520					
	POLICE DEPARTMENT TOTAL						11,566					

Program - Fire Department

Space Program Public Service Center										
Position/Space	Space	Qty.	Unit SF	SF to Factor	SF No-Factor	GSF Total	Note	Internal Adjacencies	External Adjacencies	Comments/Special Considerations
FIRE DEPARTMENT										
Department requires emergency power (UPS)										
Administration										
Y Lobby		1	0	0				Police		SF included in Police program if shared
Y Chief's Office	PO5	1	384	384						
Y Aisle Seating		2	15	30				Chief's Office		Adj. to Chief
Y Administrative Mgr.	PO3	1	196	196						
Y Fire Prevention	PO4	1	280	280						Incl layout table & plan storage
Y Division Chiefs	PO3	3	196	588						
Y Admin. Assistant	WS4	1	80	80				Lobby		
Y Consultant + 1	WS4	2	80	160						
Y Conference		1	300	0	300		15x70			Seating 12
Y Files		5	5	25						5 - 42" Interol Mes
Y File Room		1	120	120				Admin. Mgr.		Secured Access
Y Copy/Work/Mail/Storage		1	150	150				Admin. Mgr.		
Y Dept. Restrooms		2	64	128						
Y Public Restrooms		2	0	0				Lobby		SF included in Police program if shared
Subtotal SF				2141	300					
Net to Gross Factor = 1.5				3212		3,512				
Department Support										
Y Break Room		1	180	180						Seal & sink/micro/storage
Y IT Room		1	50	0	50					
Y Custodial		1	50	0	50					
Y Storage		1	50	0	50					
Y Fitness Room & Lockers		1	0	0						Shared with Police, included in Police Program
Y Main Mech/Elect Room		1	0	0	0					Included in Police Program
Y IT/Elect Distribution Closet		1	0	0	0					Included in Police Program
Y Fire Riser Room		1	0	0	0					Included in Police Program
Subtotal SF				180	150					
Net to Gross Factor = 1.3				234		384				
FIRE DEPARTMENT TOTAL						3,896				

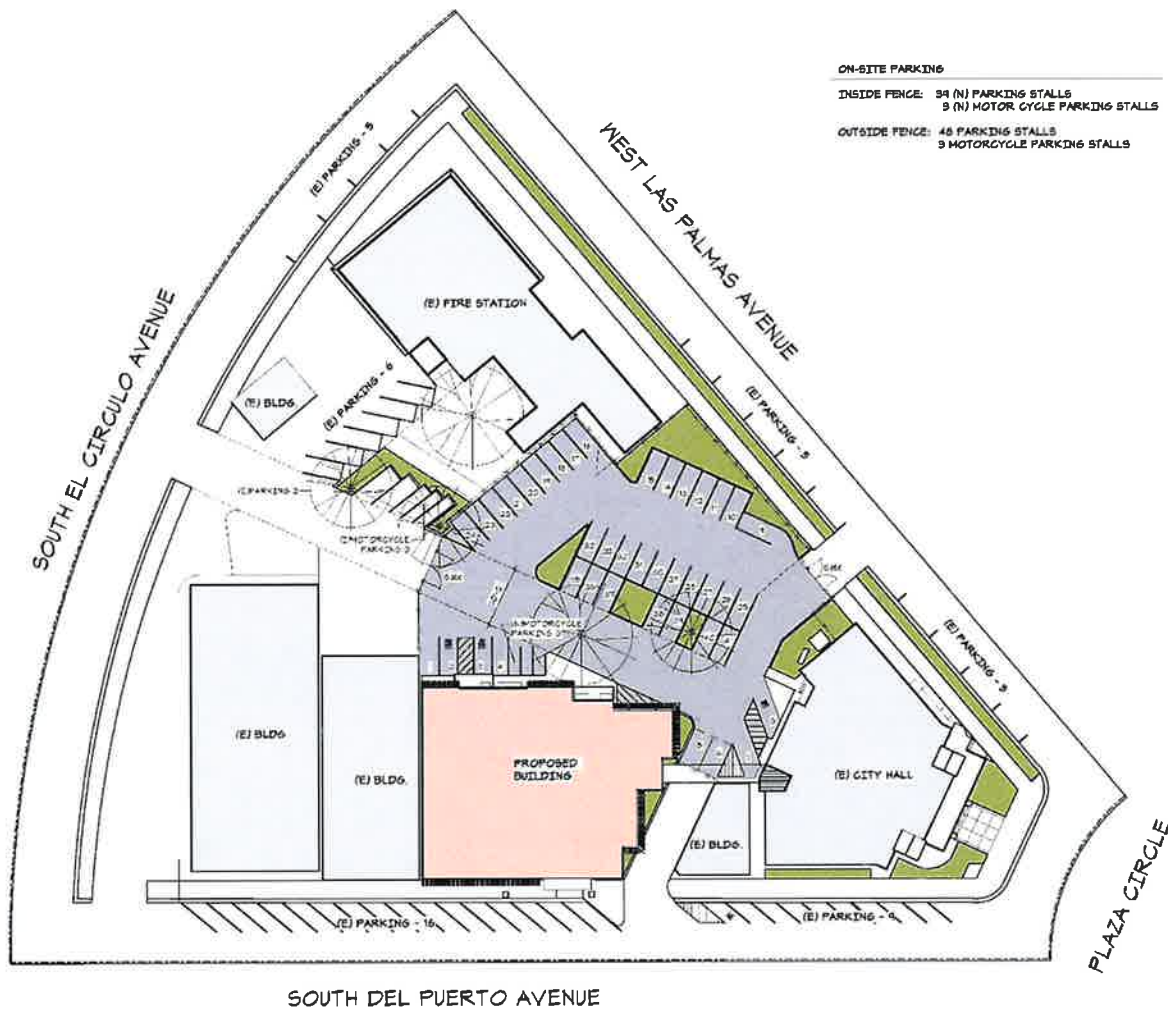
Program - Summary

BUILDING SUMMARY	Square Feet
POLICE DEPARTMENT	11,687
FIRE DEPARTMENT	3,896
Total Net Programmed Square Footage	15,583
Total Gross Programmed Square Footage (1.2 factor)	18,699
Building Design Square Footage (Includes Future 2nd Floor Interior Improvements)	20,844

Site Plans



DEMOLITION SITE PLAN

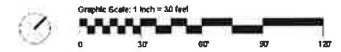


ON-SITE PARKING

INSIDE FENCE:	34 (N) PARKING STALLS
	3 (N) MOTOR CYCLE PARKING STALLS
OUTSIDE FENCE:	46 PARKING STALLS
	3 MOTORCYCLE PARKING STALLS

SITE PLAN

City of Patterson - Public Safety Center

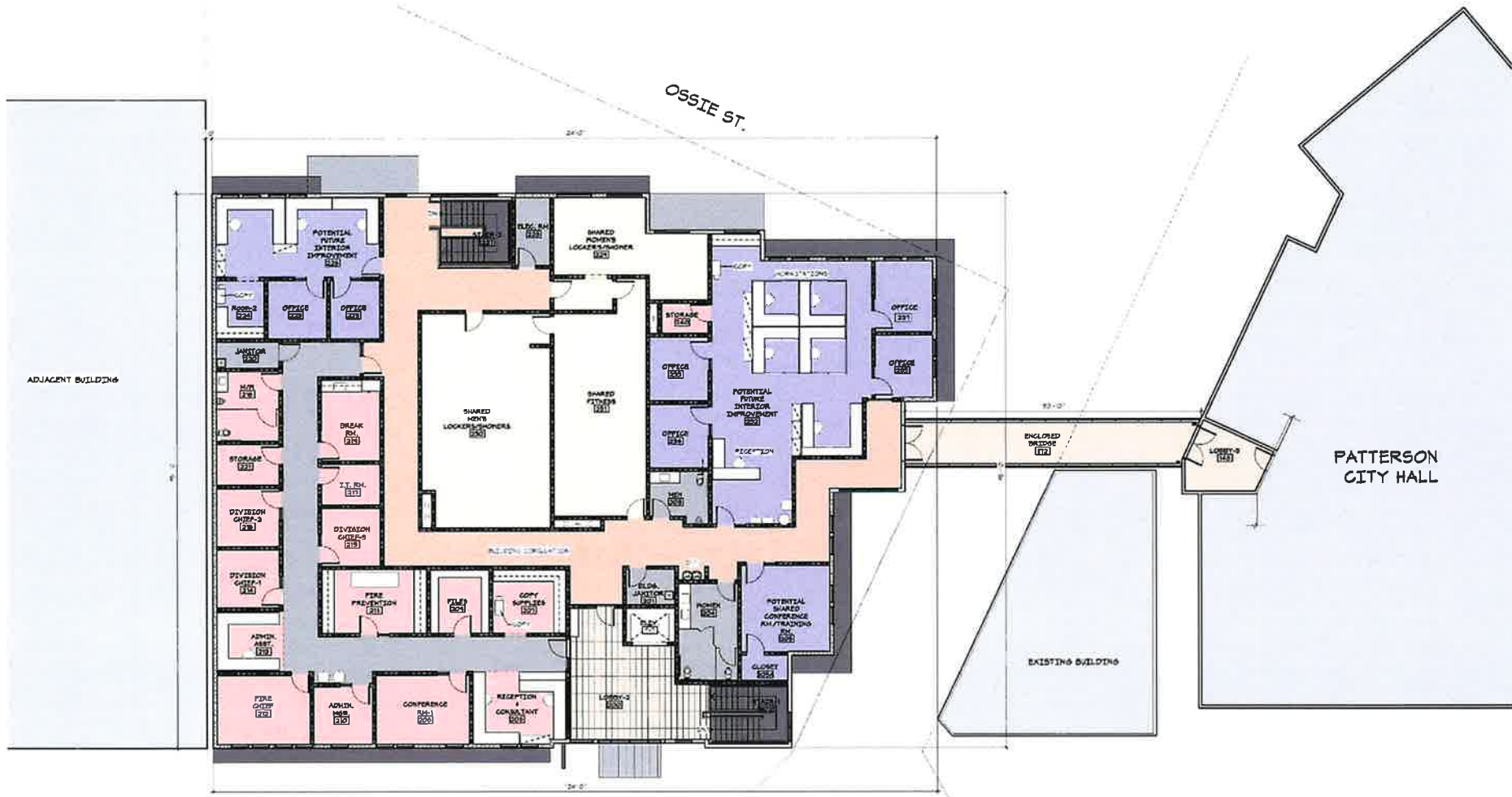


Floor Plans



GROUND FLOOR PLAN

City of Patterson - Public Safety Center



- FIRE DEPARTMENT
- POLICE AND FIRE DEPT. SHARED SPACES
- FUTURE INTERIOR IMPROVEMENT

SOUTH DEL PUERTO AVENUE



SECOND FLOOR PLAN

Exterior Elevations & Renderings

CONTEXT



PROPOSED BUILDING LOCATION



PROPOSED BUILDING LOCATION





3 EXTERIOR ELEVATION - WEST
1/2" = 1'-0"

- ### KEYNOTES
- 10 VIE GENEVE PLASTER PAINT TO MATCH EC2 - HALL
 - 20 PRE PAINTED RIBBED STEEL PANELS VERTICAL
 - 30 PRE PAINTED RIBBED STEEL PANELS VERTICAL UNLES
 - 40 PRE PAINTED RIBBED STEEL PANELS HORIZONTAL
 - 50 BRASS FINISHED PANELS 1/2" X 1/2" JAMB & 2" X 2" CORNER
 - 60 CARPENTRY PANELS 1/2" X 1/2" JAMB & 2" X 2" CORNER
 - 70 TYP. PAINTED WOOD
 - 80 SPANISH GABLE ROOF TILES COLOR TO MATCH EC2 - HALL
 - 90 ROOFLINE
 - 100 ANGLE IRON CORNER JOISTS
 - 110 ANGLE IRON SLOPE FRONT
 - 120 TYP. METAL ROOFING
 - 130 TYP. FINISH TO MATCH EC2 - HALL



2 EXTERIOR ELEVATION - EAST
1/2" = 1'-0"



1 EXTERIOR ELEVATION - NORTH
1/2" = 1'-0"

EXTERIOR ELEVATIONS



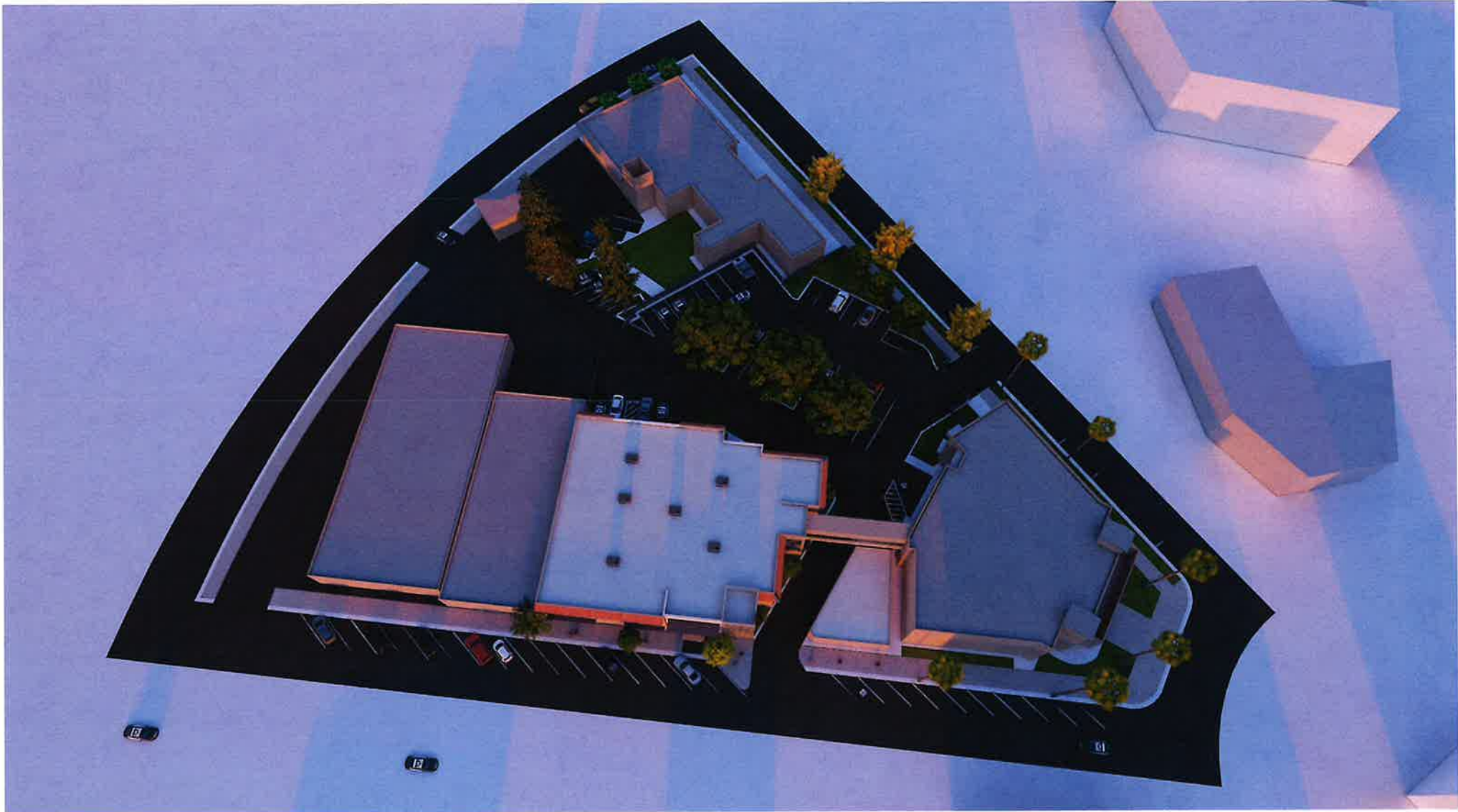
City of Patterson - Public Safety Center





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Cost Estimate

CITY OF PATTERSON, CALIFORNIA

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Patterson Public Safety Center Concept Estimate-FINAL

PROJECT: PUBLIC SAFETY CENTER
 BUILDING: PUBLIC SAFETY CENTER
 PHASE: CONCEPT
 PREPARED BY: JR CONKEY & ASSOCIATES/ LDA

PROJECT NO:
 ESTIMATE DATE: APRIL 19, 2021
 APPROXIMATE BID DATE: JANUARY 2022

ESTIMATE OF PROBABLE COST SUMMARY

BUILDING	NO. OF UNITS	SF PER UNIT	CURRENT		TOTAL COST	COST / SF
			TOTAL SF	COST PER UNIT		
SITework			38,010	\$1,643,721	\$1,643,721	\$43.24
BRIDGE	1	421	421	\$410,895	\$410,895	\$976.00
PUBLIC SAFETY CENTER	1	20,844	20,844	\$13,228,974	\$13,228,974	\$634.67
TOTAL BASE BID COST			21,265		\$15,283,590	\$718.72

QUALIFICATIONS:

- 1.) ESTIMATE ASSUMES DESIGN/BID/BUILD DELIVERY METHOD
- 2.) PRICING WITHIN THE ESTIMATE EXPECTS A MINIMUM OF 5 RESPONSIVE GENERAL CONTRACTOR BIDS.
- 3.) THE VARIANCE OF BIDS RECEIVED CAN AFFECT THE BID RESULTS, EXPECTATIONS ARE AS FOLLOWS:
 - 1 bid +15% to 40%
 - 2-3 bids +8% to +12%
 - 4-5 bids -4% to +4%
 - 6-7 bids -7% to -5%
 - 8 or more bids -12% to -8%
- 4.) ESTIMATE EXCLUDES:
 - FF&E - EXCEPT AS NOTED
 - PHOTOVOLTAIC SYSTEM (IF ANY)
 - HAZARDOUS MATERIAL ABATEMENT
 - KITCHEN APPLIANCES
 - WALL-MOUNTED MONITORS
 - ROOF REPLACEMENT ON EXISTING BUILDINGS
 - EMERGENCY SECURITY, RESPONSE EQUIP., SERVERS, ETC.
 - SECURITY SYSTEMS
 - MOBILE FILE STORAGE SYSTEM
 - MODULAR FURNITURE
- 5.) THIS IS AN ESTIMATE OF PROBABLE COST, NOT A GUARANTEE

ESTIMATE WORKSHEET

CITY OF PATTERSON, CALIFORNIA

PROJECT: PUBLIC SAFETY CENTER
 PHASE: CONCEPT
 ESTIMATE DATE: APRIL 19, 2021
 PREPARED BY: JR CONKEY & ASSOCIATES/LDA

BUILDING SITEWORK
 SITE GSF: 38,010

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 Patterson Public Safety Center Concept Estimate.FINAL

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE							AMOUNT				TOTAL	TOTAL COST			
				PROD RATE/UNIT	MANHOURS	LABOR RATE	MATERIAL	EQUIP	SUB	TOTAL	LABOR	MATERIAL	EQUIP	SUB	COST	PER BLDG SF			
				CURRENT (CONCEPT)															
DIVISION 31	EARTHWORK																		
31.01.00	SITE DEMOLITION/DEMOLITION																		
	REMOVE (E) ASPHALT	18,181	SF						\$2.15	\$2.15	\$0.00	\$0	\$0	\$39,089	\$39,089	\$1.03			
	SITE CLEARING	38,010	SF						\$0.20	\$0.20	\$0.00	\$0	\$0	\$7,602	\$7,602	\$0.20			
	TREE REMOVAL	8	EA						\$800.00	\$800.00	\$0.00	\$0	\$0	\$6,400	\$6,400	\$0.17			
	REMOVE (E) BUILDINGS (INCL BASEMENT)	263,206	CF						\$0.45	\$0.45	\$0.00	\$0	\$0	\$118,444	\$118,444	\$0.12			
	REMOVE (E) LANDSCAPING	5,493	SF						\$1.25	\$1.25	\$0.00	\$0	\$0	\$6,854	\$6,854	\$0.18			
31.20.00	EARTHMOVING																		
	IMPORT FILL FOR (E) BASEMENTS	4,874	CY						\$35.00	\$35.00	\$0.00	\$0	\$0	\$170,598	\$170,598	\$4.49			
	ROUGH GRADING FOR PAVEMENT	21,648	SF						\$2.50	\$2.50	\$0.00	\$0	\$0	\$54,120	\$54,120	\$1.42			
	ROUGH GRADING FOR BUILDING PADS	10,401	SF						\$2.50	\$2.50	\$0.00	\$0	\$0	\$26,003	\$26,003	\$0.68			
	ROUGH GRADING FOR LANDSCAPED AREAS	2,866	SF						\$2.50	\$2.50	\$0.00	\$0	\$0	\$7,165	\$7,165	\$0.19			
	ROUGH GRADING FOR SIDEWALKS	3,090	SF						\$2.50	\$2.50	\$0.00	\$0	\$0	\$7,725	\$7,725	\$0.20			
	FINISH GRADING FOR PAVEMENT	21,648	SF						\$1.50	\$1.50	\$0.00	\$0	\$0	\$32,472	\$32,472	\$0.85			
	FINISH GRADING FOR BUILDING PADS	10,401	SF						\$1.50	\$1.50	\$0.00	\$0	\$0	\$15,602	\$15,602	\$0.41			
	FINISH GRADING FOR LANDSCAPED AREAS	2,866	SF						\$1.50	\$1.50	\$0.00	\$0	\$0	\$4,299	\$4,299	\$0.11			
	FINISH GRADING FOR SIDEWALKS	3,090	SF						\$1.50	\$1.50	\$0.00	\$0	\$0	\$4,635	\$4,635	\$0.12			
31.25.00	EROSION & SEDIMENTATION CONTROL S	1	LS							\$10,000.00	\$10,000.00	\$0.00	\$0	\$0	\$10,000	\$10,000	\$0.26		
	SUBTOTAL DIVISION 31 COSTS				0.000									\$0	\$0	\$0	\$511,006	\$511,006	\$13.44
DIVISION 32	EXTERIOR IMPROVEMENTS																		
	SIGNAGE	1	LS							\$30,000.00	\$30,000.00	\$0.00	\$0	\$0	\$30,000	\$30,000	\$0.79		
	ADA SIGNAGE	3	EA							\$350.00	\$350.00	\$0.00	\$0	\$0	\$1,050	\$1,050	\$0.03		
	BOLLARDS	10	EA							\$500.00	\$500.00	\$0.00	\$0	\$0	\$5,000	\$5,000	\$0.13		
32.13.00	RIGID PAVING																		
	ASPHALT PAVING, 4" AC ON 15" AGG BASE	21,648	SF							\$8.00	\$8.00	\$0.00	\$0	\$0	\$173,184	\$173,184	\$4.56		
32.16.00	CURBS, GUTTERS, SIDEWALKS, AND DRIVEWAYS																		
	CONCRETE SIDEWALK	3,090	SF							\$10.00	\$10.00	\$0.00	\$0	\$0	\$30,900	\$30,900	\$0.81		
	CONCRETE SINGLE CURB	561	LF							\$15.00	\$15.00	\$0.00	\$0	\$0	\$8,415	\$8,415	\$0.22		
	TRUNCATED DOMES	119	SF							\$20.00	\$20.00	\$0.00	\$0	\$0	\$2,380	\$2,380	\$0.06		
32.17.00	PAVING SPECIALTIES																		
	STRIPING	1,253	LF							\$1.05	\$1.05	\$0.00	\$0	\$0	\$1,325	\$1,325	\$0.03		
	PAINT ADA SYMBOL	3	EA							\$150.00	\$150.00	\$0.00	\$0	\$0	\$450	\$450	\$0.01		
	PRECAST CONCRETE WHEEL STOP	41	EA							\$150.00	\$150.00	\$0.00	\$0	\$0	\$6,150	\$6,150	\$0.16		
32.31.13	CHAIN LINK FENCES AND GATES																		
	WROUGHT IRON FENCE	361	LF							\$125.00	\$125.00	\$0.00	\$0	\$0	\$45,125	\$45,125	\$1.19		
	MANGATE	1	EA							\$1,500.00	\$1,500.00	\$0.00	\$0	\$0	\$1,500	\$1,500	\$0.04		
	VEHICLE GATES, SWING	2	PAIR							\$8,000.00	\$8,000.00	\$0.00	\$0	\$0	\$16,000	\$16,000	\$0.42		
32.93.00	LANDSCAPING																		
	TREES																		
	36" BOX	2	EA							\$2,000.00	\$2,000.00	\$0.00	\$0	\$0	\$4,000	\$4,000	\$0.11		
	LANDSCAPING & IRRIGATION	2,866	SF							\$2.25	\$2.25	\$0.00	\$0	\$0	\$6,449	\$6,449	\$0.17		
	SUBTOTAL DIVISION 32 COSTS				0.000									\$0	\$0	\$0	\$331,928	\$331,928	\$8.73

ESTIMATE WORKSHEET

CITY OF PATTERSON, CALIFORNIA

PROJECT: PUBLIC SAFETY CENTER
 PHASE: CONCEPT
 ESTIMATE DATE: APRIL 19, 2021
 PREPARED BY: JR CONKEY & ASSOCIATES/LDA

BUILDING: SITEWORK
 SITE GSF: 36,010

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 4/20/2021
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 Patterson Public Safety Center Concept Estimate FINAL

ITEM	DESCRIPTION	QTY	UNIT	CURRENT (CONCEPT)							AMOUNT				TOTAL COST	PER BLDG SF
				UNIT PRICE			TOTAL				LABOR	MATERIAL	EQUIP	SUB		
				PROD RATE/UNIT	MANHOURS	LABOR RATE	MATERIAL	EQUIP	SUB	TOTAL						
DIVISION 33 UTILITIES																
33 14 00	WATER UTILITY TRANSMISSION AND DISTRIBUTION															
	FIRE WATER 8"	150	LF						\$100.00	\$100.00	\$0.00	\$0.00	\$0.00	\$15,000	\$15,000	\$0.39
	FIRE HYDRANTS	3	EA						\$5,500.00	\$5,500.00	\$0.00	\$0.00	\$0.00	\$16,500	\$16,500	\$0.43
	FIRE WATER THRUST BLOCKS	3	EA						\$150.00	\$150.00	\$0.00	\$0.00	\$0.00	\$450	\$450	\$0.01
	DOMESTIC WATER 3"	50	LF						\$80.00	\$80.00	\$0.00	\$0.00	\$0.00	\$4,000	\$4,000	\$0.11
	DOMESTIC WATER THRUST BLOCKS	1	EA						\$150.00	\$150.00	\$0.00	\$0.00	\$0.00	\$150	\$150	\$0.00
	LANDSCAPING WATER 2"?	200	LF						\$45.00	\$45.00	\$0.00	\$0.00	\$0.00	\$9,000	\$9,000	\$0.24
	TAPS	2	EA						\$2,500.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$5,000	\$5,000	\$0.13
33 21 00	SANITARY SEWERAGE PIPING															
	8"	50	LF						\$115.00	\$115.00	\$0.00	\$0.00	\$0.00	\$5,750	\$5,750	\$0.15
	CLEANOUT	2	EA						\$750.00	\$750.00	\$0.00	\$0.00	\$0.00	\$1,500	\$1,500	\$0.04
	TAPS	1	EA						\$2,500.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$2,500	\$2,500	\$0.07
33 42 00	STORM WATER CONVEYANCE															
	STORM WATER PIPING															
	4"	100	LF						\$80.00	\$80.00	\$0.00	\$0.00	\$0.00	\$8,000	\$8,000	\$0.21
	12"	100	LF						\$115.00	\$115.00	\$0.00	\$0.00	\$0.00	\$11,500	\$11,500	\$0.30
	CATCH BASINS	3	EA						\$900.00	\$900.00	\$0.00	\$0.00	\$0.00	\$2,700	\$2,700	\$0.07
	AREA DRAIN	3	EA						\$900.00	\$900.00	\$0.00	\$0.00	\$0.00	\$2,700	\$2,700	\$0.07
	AREA DRAIN JUNCTION BOX	1	EA						\$2,500.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$2,500	\$2,500	\$0.07
	CLEANOUT	4	EA						\$900.00	\$900.00	\$0.00	\$0.00	\$0.00	\$3,600	\$3,600	\$0.09
	MANHOLES	1	EA						\$7,500.00	\$7,500.00	\$0.00	\$0.00	\$0.00	\$7,500	\$7,500	\$0.20
	STORM TAP	1	EA						\$2,500.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$2,500	\$2,500	\$0.07
33 52 00	HYDROCARBON TRANSMISSION AND DISTRIBUTION															
	SITE GAS DISTRIBUTION	100	LF						\$50.00	\$50.00	\$0.00	\$0.00	\$0.00	\$5,000	\$5,000	\$0.13
	POWER															
	SITE LIGHTING															
	FIXTURES	6	EA						\$7,500.00	\$7,500.00	\$0.00	\$0.00	\$0.00	\$45,000	\$45,000	\$1.18
	POWER DISTRIBUTION	500	LF						\$75.00	\$75.00	\$0.00	\$0.00	\$0.00	\$37,500	\$37,500	\$0.99
	CHRISTY BOXES	6	EA						\$1,800.00	\$1,800.00	\$0.00	\$0.00	\$0.00	\$10,800	\$10,800	\$0.28
	POLE BASES	6	EA						\$850.00	\$850.00	\$0.00	\$0.00	\$0.00	\$5,100	\$5,100	\$0.13
	PHONE DISTRIBUTION	50	LF						\$120.00	\$120.00	\$0.00	\$0.00	\$0.00	\$6,000	\$6,000	\$0.16
	CONDUIT FOR SECURITY/FIRE ALARM, ETC	150	LF						\$50.00	\$50.00	\$0.00	\$0.00	\$0.00	\$7,500	\$7,500	\$0.20
SUBTOTAL DIVISION 32 COSTS					0.000						\$0	\$0	\$0	\$217,750	\$217,750	\$5.73

ESTIMATE WORKSHEET

CITY OF PATTERSON, CALIFORNIA

PROJECT: PUBLIC SAFETY CENTER
 PHASE: CONCEPT
 ESTIMATE DATE: APRIL 19, 2021
 PREPARED BY: JR CONKEY & ASSOCIATES/LDA

BUILDING: SITEWORK
 SITE GSF: 38,010

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 Patterson Public Safety Center Concept Estimate.FINAL

ITEM	DESCRIPTION	QTY	UNIT	CURRENT (CONCEPT)										TOTAL COST	TOTAL PER BLDG SF		
				UNIT PRICE						AMOUNT						TOTAL COST	
				PROD RATE/UNIT	MANHOURS	LABOR RATE	MATERIAL	EQUIP	SUB	TOTAL	LABOR	MATERIAL	EQUIP				SUB
NOTE:	EXCLUDES HAZARDOUS MATERIAL ABATEMENT COSTS																
	EXCLUDES MODULAR FURNITURE (BY OTHERS)																
	EXCLUDES UNFORESEEN UNDERGROUND ITEMS																
	SUBTOTAL BUILDING DIRECT COSTS			TOTAL MANHOURS	0.000							\$0	\$0	\$0	\$1,060,684	\$1,060,684	\$27.91
	SUBTOTAL CONSTRUCTION COSTS														\$1,060,684		\$27.91
	ESTIMATING CONTINGENCY					12.50%									\$132,585		\$3.49
	MARKET CONDITIONS ALLOWANCE					5.00%									\$53,034		\$1.40
	MARK-UPS																
	GENERAL CONDITIONS					15.00%									\$105,946		\$4.92
	OVERHEAD & PROFIT					12.00%									\$171,990		\$4.52
	INSURANCE & BONDS					2.00%									\$32,105		\$0.84
	SUBTOTAL MARK-UPS + CONTINGENCY+MARKET CONDITIONS+CONSTRUCTION														\$1,584,310		\$41.68
	ESCALATION																
	ESCALATION TO BID DATE					3.75%									\$59,412		\$1.56
	ESCALATION FROM BID TO MIDPOINT OF CONST					2.08%									\$34,244		\$0.90
	SUBTOTAL CONSTRUCTION COSTS & MARK-UPS														\$1,643,721		\$43.24
	EXCLUDES NON-CONSTRUCTION COSTS, FF&E, FEES, ETC.																
	TOTAL ESTIMATE:														\$1,643,721		\$43.24

ESTIMATE WORKSHEET

CITY OF PATTERSON, CALIFORNIA

PROJECT: PUBLIC SAFETY CENTER
 PHASE: CONCEPT
 ESTIMATE DATE: APRIL 19, 2021
 PREPARED BY: JR CONKEY & ASSOCIATES/LDA

BUILDING: BRIDGE
 BUILDING GSF: 421

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 Patterson Public Safety Center Concept Estimate-FINAL

		C U R R E N T (C O N C E P T)															
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE						AMOUNT				TOTAL	TOTAL COST		
				PROD RATE/UNIT	MANHOURS	LABOR RATE	MATERIAL	EQUIP	SUB	TOTAL	LABOR	MATERIAL	EQUIP	SUB	COST	PER BLDG SF	
DIVISION 3																	
03 15 10	CONCRETE																
	FOUNDATION CONCRETE																
	ELEVATED CONCRETE																
	CONCRETE TOPPING ON SECOND FLOOR DECK	421	SF	0.025	10.525	\$90.00	\$7.00	\$1.44	\$2.30	\$12.99	\$947.25	\$2,947.00	\$605.19	\$868.30	\$5,468	\$12.99	
	SEISMIC JOINTS / COVERS	16	LF						\$500.00	\$500.00	\$0.00	\$0.00	\$0.00	\$8,000.00	\$8,000	\$19.00	
	SUBTOTAL DIVISION 3 COSTS				10.525						\$947	\$2,947	\$605	\$8,968	\$13,468	\$31.99	
DIVISION 4																	
04 72 00	MASONRY																
	CAST STONE MASONRY																
	EXTERIOR																
	CAST STONE WAINSCOT/BASE	33	SF	0.500	16.500	\$98.00	\$5.00	\$2.00	\$0.00	\$56.00	\$1,617.00	\$165.00	\$66.00	\$0.00	\$1,848	\$4.39	
	SUBTOTAL DIVISION 4 COSTS				16.500						\$1,617	\$165	\$66	\$0	\$1,848	\$4.39	
DIVISION 5																	
05 12 00	STRUCTURAL STEEL																
	STEEL BEAMS/IRDERS/JOISTS (FLOORS)	2.53	TONS	24.000	60.624	\$100.00	\$2,750.00	\$120.75	\$0.00	\$5,270.75	\$6,062.40	\$6,947	\$305	\$0	\$13,314	\$31.62	
	STEEL BEAMS/IRDERS/JOISTS (ROOF)	2.11	TONS	24.000	50.520	\$100.00	\$2,750.00	\$120.75	\$0.00	\$5,270.75	\$5,052.00	\$5,783	\$254	\$0	\$11,095	\$26.35	
	STEEL COLUMNS/BRACES	1.00	TONS	48.000	48.000	\$100.00	\$3,800.00	\$500.00	\$0.00	\$9,100.00	\$4,800.00	\$3,800	\$500	\$0	\$9,100	\$21.62	
	1 1/2" METAL DECK (ROOF)	421	SF	0.030	12.630	\$100.00	\$2.30	\$0.24	\$0.00	\$5.54	\$1,263.00	\$968	\$102	\$0	\$2,333	\$5.54	
05 40 00	COLD ROLLED METAL FRAMING																
	METAL STUDS - EXTERIOR	1,030	SF	0.030	30.900	\$95.00	\$15.00	\$0.00	\$0.00	\$17.85	\$2,935.50	\$15,450	\$0	\$0	\$18,386	\$43.67	
	SUBTOTAL DIVISION 5 COSTS				202.674						\$20,113	\$32,894	\$1,161	\$0	\$54,227	\$128.81	
DIVISION 6																	
06 10 00	WOOD AND PLASTIC																
	ROUGH CARPENTRY																
	PLYWOOD SHEATHING - ROOF	421	SF	0.015	6.315	\$34.00	\$35.00	\$0.00	\$0.00	\$36.41	\$593.61	\$14,735	\$0	\$0	\$15,329	\$36.41	
	MISC																
	BACKING & BLOCKING	421	SF	0.010	4.210	\$34.00	\$5.00	\$0.00	\$0.00	\$5.94	\$395.74	\$2,105	\$0	\$0	\$2,501	\$5.94	
	ROUGH HARDWARE	421	SF	0.010	4.210	\$34.00	\$2.50	\$0.00	\$0.00	\$3.44	\$395.74	\$1,053	\$0	\$0	\$1,448	\$3.44	
	SUBTOTAL DIVISION 6 COSTS				14.735						\$1,385	\$17,893	\$0	\$0	\$19,278	\$45.79	
DIVISION 7																	
07 21 00	THERMAL AND MOISTURE CONTROL																
	INSULATION																
	EXTERIOR																
	BATT INSULATION EXTERIOR STUD WALLS (R-19)	1,030	SF	0.015	15.450	\$85.00	\$0.00	\$0.00	\$0.00	\$1.28	\$1,313.25	\$0	\$0	\$0	\$1,313	\$3.12	
07 45 10	POLYVINYL CHLORIDE (PVC) ROOFING																
	SINGLE PLY W/INSULATION	421	SF				\$20.00	\$0.00	\$15.65	\$35.65	\$0.00	\$9,420	\$0	\$5,589	\$15,009	\$35.65	
	DENGLAS	421	SF				\$5.00	\$0.00	\$2.30	\$7.30	\$0.00	\$2,105	\$0	\$968	\$3,073	\$7.30	
	TAPERED INSULATION	421	SF				\$5.00	\$0.00	\$5.75	\$10.75	\$0.00	\$2,105	\$0	\$2,421	\$4,526	\$10.75	
07 61 00	METAL ROOFING																
	METAL SIDING	625	SF				\$12.00	\$0.00	\$17.25	\$29.25	\$0.00	\$9,900	\$0	\$14,231	\$24,131	\$57.32	

ESTIMATE WORKSHEET

CITY OF PATTERSON, CALIFORNIA

PROJECT: PUBLIC SAFETY CENTER
 PHASE: CONCEPT
 ESTIMATE DATE: APRIL 19, 2021
 PREPARED BY: JR CONKEY & ASSOCIATES/LDA

BUILDING BRIDGE
 BUILDING GSF: 421

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 Patterson Public Safety Center Concept Estimate-FINAL

		C U R R E N T (C O N C E P T)																
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE						AMOUNT				TOTAL COST	TOTAL PER BLDG SF			
				PROD RATE/UNIT	MANHOURS	LABOR RATE	MATERIAL	EQUIP	SUB	TOTAL	LABOR	MATERIAL	EQUIP			SUB		
07 02 00	SHEET METAL FLASHING AND TRIM						\$0.00	\$0.00	\$0.00									
	SHEET METAL FLASHING ALLOWANCE	421	SF	0.005	2.105	\$85.00	\$2.50	\$0.00	\$0.00	\$0.00	\$2.93	\$178.93	\$1,053	\$0	\$0	\$1,231	\$2.93	
07 04 13	FIRE STOPPING						\$0.00	\$0.00	\$0.00									
	FIRE STOPPING	421	SF	0.003	1.263	\$85.00	\$1.00	\$0.00	\$0.00	\$1.26	\$107.36	\$421	\$0	\$0	\$528	\$1.26		
07 02 00	JOINT SEALERS						\$0.00	\$0.00	\$0.00									
	CAULKING & SEALANTS	421	SF	0.003	1.263	\$85.00	\$0.00	\$0.00	\$0.00	\$0.26	\$107.36	\$0	\$0	\$0	\$107	\$0.26		
	CEMENT PLASTER	172	SF				\$0.00	\$0.00	\$29.90	\$29.90	\$0.00	\$0	\$0	\$5,143	\$5,143	\$12.22		
SUBTOTAL DIVISION 7 COSTS					20.081						\$1,707	\$24,004	\$0	\$29,352	\$55,062	\$130.79		
DIVISION 8 DOORS AND WINDOWS																		
08 21 10	FLUSH WOOD DOORS																	
	INT SOLID CORE WOOD DOOR (WOOD VENEER)	2	EA	1.500	3.000	\$95.00	\$724.50	\$0.00	\$0.00	\$867.00	\$285.00	\$1,449	\$0	\$0	\$1,734	\$4.12		
08 51 13	ALUMINUM WINDOWS - EXTERIOR	470	SF				\$85.00	\$0.00	\$0.00	\$95.00	\$0	\$39,950	\$0	\$0	\$39,950	\$95		
08 71 00	HARDWARE						\$0.00	\$0.00	\$0.00									
	FINISH HARDWARE (INTERIOR) (PER LEAF)	4	EA	1.000	4.000	\$95.00	\$920.00	\$0.00	\$0.00	\$1,015.00	\$380.00	\$3,680	\$0	\$0	\$4,060	\$9.64		
	PROXIMITY CARD SYSTEM (ALLOWANCE)	4	EA	2.000	8.000	\$95.00	\$350.00	\$0.00	\$0.00	\$540.00	\$760.00	\$1,400	\$0	\$0	\$2,160	\$5.13		
SUBTOTAL DIVISION 8 COSTS					15.000						\$1,425	\$46,479	\$0	\$0	\$47,904	\$113.79		
DIVISION 9 FINISHES																		
09 29 00	GYPSUM BOARD SYSTEMS																	
	EXTERIOR WALL																	
	EXTERIOR OF EXTERIOR WALL	1,030	SF	0.020	20.600	\$85.00	\$2.00	\$0.00	\$0.00	\$3.70	\$1,751.00	\$2,060	\$0	\$0	\$3,811	\$9.05		
	INTERIOR OF EXTERIOR WALLS	1,030	SF	0.020	20.600	\$85.00	\$2.00	\$0.00	\$0.00	\$3.70	\$1,751.00	\$2,060	\$0	\$0	\$3,811	\$9.05		
09 51 13	ACOUSTICAL PANEL CEILINGS																	
	SUSPENDED ACOUSTICAL CEILING TILE & GRID 2x2	421	SF	0.025	10.525	\$84.00	\$6.90	\$0.00	\$0.00	\$9.00	\$884.10	\$2,905	\$0	\$0	\$3,789	\$9.00		
09 65 13	RESILIENT BASE AND ACCESSORIES																	
	BASE	120	LF	0.015	1.800	\$78.00	\$3.85	\$0.00	\$0.00	\$5.02	\$140.40	\$462	\$0	\$0	\$603	\$1.43		
09 65 36	STATIC CONTROL RESILIENT FLOORING																	
09 67 23	RESINOUS FLOORING																	
09 88 13	TILE CARPETING																	
	CARPET	421	SF	0.020	8.420	\$80.56	\$7.00	\$0.00	\$0.00	\$8.61	\$678.32	\$2,947	\$0	\$0	\$3,625	\$9.61		
09 90 00	PAINT																	
	WALLS																	
	PAINT GYPSUM BOARD WALLS	1,030	SF	0.010	10.300	\$80.56	\$1.25	\$0.00	\$0.00	\$2.06	\$829.77	\$1,288	\$0	\$0	\$2,117	\$5.03		
	PAINT GYPSUM BOARD WALLS (INT OF EXT WALLS)	1,030	SF	0.010	10.300	\$80.56	\$1.25	\$0.00	\$0.00	\$2.06	\$829.77	\$1,288	\$0	\$0	\$2,117	\$5.03		
	SEAL/PAINT PLASTER WALLS (EXTERIOR)	205	SF	0.010	2.050	\$80.56	\$1.25	\$0.00	\$0.00	\$2.06	\$165.15	\$256	\$0	\$0	\$421	\$1.00		
	CEILINGS / FLOORS																	
	PAINT / STAIN DOORS	4	EA			\$80.56	\$1.50	\$0.00	\$143.75	\$145.25	\$0.00	\$6	\$0	\$575	\$581	\$1.38		
SUBTOTAL DIVISION 9 COSTS					84.595						\$7,029	\$13,271	\$0	\$575	\$20,876	\$49.59		
10 44 13	FIRE EXTINGUISHERS, CABINETS, AND ACCESSORIES																	
	FIRE EXTINGUISHER & CABINET ALLOWANCE	1	EA	0.250	0.250	\$80.56	\$80.00	\$0.00	\$0.00	\$80.14	\$20.14	\$80	\$0	\$0	\$870	\$2.07		
SUBTOTAL DIVISION 10 COSTS					0.250						\$20	\$80	\$0	\$0	\$870	\$2.07		

ESTIMATE WORKSHEET

CITY OF PATTERSON, CALIFORNIA

PROJECT: PUBLIC SAFETY CENTER
 PHASE: CONCEPT
 ESTIMATE DATE: APRIL 19, 2021
 PREPARED BY: JR CONKEY & ASSOCIATES/LDA

BUILDING: BRIDGE
 BUILDING GSF: 421

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 Patterson Public Safety Center Concept Estimate-FINAL

CURRENT (CONCEPT)																
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE							AMOUNT				TOTAL	TOTAL COST
				PROD RATE/UNIT	MANHOURS	LABOR RATE	MATERIAL	EQUIP	SUB	TOTAL	LABOR	MATERIAL	EQUIP	SUB	COST	PER BLDG SF
	MECHANICAL															
21 00 00	FIRE PROTECTION	421	SF	0.040	16.840	\$90.30	\$4.50	\$1.15	\$0.00	\$9.26	\$1,520.55	\$1,895	\$484	\$0	\$3,899	\$9.26
23 00 00	HVAC															
	HVAC SYSTEM	421	SF				\$12.00	\$0.00	\$40.25	\$52.25	\$0.00	\$5,052	\$0	\$15,945	\$21,997	\$52.25
SUBTOTAL DIVISION 21.22.23 COSTS					16.840						\$1,521	\$6,947	\$484	\$16,945	\$25,897	\$61.51
DIVISION 26	ELECTRICAL															
26 05 00	BUILDING ELECTRICAL, POWER, LIGHTING, SPECIAL SYSTEMS	421	SF				\$17.50	\$0.00	\$51.75	\$69.25	\$0.00	\$7,369	\$0	\$21,787	\$29,154	\$69.25
28 31 00	FIRE ALARM SYSTEM															
	FIRE ALARM SYSTEM	421	SF						\$6.00	\$6.00	\$0.00	\$0	\$0	\$2,536	\$2,536	\$6.00
SUBTOTAL DIVISION 26.27.28 COSTS					0.000						\$0	\$7,369	\$0	\$24,313	\$31,680	\$75.25
NOTE: EXCLUDES HAZARDOUS MATERIAL ABATEMENT COSTS																
EXCLUDES MODULAR FURNITURE (BY OTHERS)																
EXCLUDES UNFORESEEN UNDERGROUND ITEMS																
SUBTOTAL BUILDING DIRECT COSTS			TOTAL MANHOURS:	381.200							\$35,764	\$152,876	\$2,316	\$80,153	\$271,110	\$643.97
SUBTOTAL CONSTRUCTION COSTS															\$271,110	\$643.97
ESTIMATING CONTINGENCY				10.00%											\$27,111	\$64.40
MARKET CONDITIONS ALLOWANCE				5.00%											\$13,555	\$32.20
MARK-UPS																
GENERAL CONDITIONS				15.00%											\$46,766	\$111.08
OVERHEAD & PROFIT				12.00%											\$43,025	\$102.20
INSURANCE & BONDS				2.00%											\$9,031	\$19.09
SUBTOTAL MARK-UPS + CONTINGENCY+MARKET CONDITIONS+CONSTRUCTION															\$396,044	\$940.72
ESCALATION																
ESCALATION TO BID DATE				3.75%											\$14,852	\$35.28
ESCALATION FROM BID TO MIDPOINT OF CONST				2.06%											\$8,560	\$20.33
SUBTOTAL CONSTRUCTION COSTS & MARK-UPS															\$410,895	\$976.00
EXCLUDES NON-CONSTRUCTION COSTS, FF&E, FEES, ETC.																
TOTAL ESTIMATE:															\$410,895	\$976.00

ESTIMATE WORKSHEET

CITY OF PATTERSON, CALIFORNIA

PROJECT: PUBLIC SAFETY CENTER
 PHASE: CONCEPT
 ESTIMATE DATE: APRIL 19, 2021
 PREPARED BY: JR CONKEY & ASSOCIATES/LDA

BUILDING: PUBLIC SAFETY CENTER
 BUILDING GSF: 20,844

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 Patterson Public Safety Center Concept Estimate-FINAL

ITEM	DESCRIPTION	QTY	UNIT	CURRENT (CONCEPT)										TOTAL COST	TOTAL PER BLDG SF	
				UNIT PRICE						AMOUNT						
				PROD RATE/UNIT	MANHOURS	LABOR RATE	MATERIAL	EQUIP	SUB	TOTAL	LABOR	MATERIAL	EQUIP			SUB
DIVISION 3																
03 15 10	CONCRETE															
	FOUNDATION CONCRETE															
	FOUNDATIONS															
	CONTINUOUS	94	CY	3.100	291.400	\$90.00	\$287.50	\$172.50	\$57.50	\$796.50	\$26,226.00	\$27,025.00	\$15,215.00	\$5,405.00	\$74,871	\$3.59
	ISOLATED SPREAD FOUNDATION	14	CY	6.100	85.400	\$90.00	\$287.50	\$172.50	\$57.50	\$1,066.50	\$7,886.00	\$4,025.00	\$2,415.00	\$805.00	\$14,931	\$0.72
	ELEVATOR PIT	1	EA						\$5,750.00	\$5,750.00	\$0.00	\$0.00	\$0.00	\$5,750.00	\$5,750	\$0.28
	SLAB ON GRADE CONCRETE															
	5" S.O.G. W/REIN. VAPOR BARRIER, 6" ABC	10,400	SF	0.070	728.000	\$90.00	\$5.75	\$0.00	\$0.00	\$12.05	\$65,520.00	\$59,800.00	\$0.00	\$0.00	\$125,320	\$6.01
	ELEVATED CONCRETE															
	CONCRETE TOPPING ON SECOND FLOOR DECK	10,450	SF	0.025	261.250	\$90.00	\$4.03	\$1.44	\$2.30	\$10.01	\$23,512.50	\$42,061.25	\$15,021.86	\$24,035.00	\$104,631	\$5.02
	SUBTOTAL DIVISION 3 COSTS				1366.050						\$122,845	\$132,911	\$33,652	\$35,895	\$325,503	\$15.62
DIVISION 4																
04 22 00	MASONRY															
	EXTERIOR															
	8" CMU	13,032	SF	0.195	2541.240	\$98.00	\$15.94	\$0.00	\$0.00	\$35.05	\$249,041.52	\$207,717.05	\$0.00	\$0.00	\$456,759	\$21.51
04 72 00	CAST STONE MASONRY															
	EXTERIOR															
	CAST STONE WAINSCOT/BASE	552	SF	0.250	138.000	\$98.00	\$0.00	\$0.00	\$0.00	\$24.50	\$13,524.00	\$0.00	\$0.00	\$0.00	\$13,524	\$0.65
	SUBTOTAL DIVISION 4 COSTS				2679.240						\$262,566	\$207,717	\$0	\$0	\$470,283	\$22.56
DIVISION 5																
05 12 00	STRUCTURAL STEEL															
	STEEL BEAMS/GIRDERS/JOISTS	62.41	TONS	24.000	1497.744	\$100.00	\$2,415.00	\$120.75	\$0.00	\$4,935.75	\$149,774.40	\$150,710	\$7,536	\$0	\$308,020	\$14.78
	STEEL BEAMS/GIRDERS/JOISTS (ROOF)	52.22	TONS	24.000	1253.160	\$100.00	\$2,415.00	\$120.75	\$0.00	\$4,935.75	\$125,316.00	\$126,099	\$5,305	\$0	\$257,720	\$12.36
	STEEL COLUMNS/BRACES	26.06	TONS	48.000	1250.640	\$100.00	\$3,415.00	\$500.00	\$0.00	\$8,715.00	\$125,064.00	\$68,978	\$13,028	\$0	\$227,069	\$10.89
	2" METAL DECK (FLOOR)	10,400	SF	0.035	364.000	\$100.00	\$3.50	\$0.24	\$0.00	\$7.24	\$36,400.00	\$36,400	\$2,496	\$0	\$75,296	\$3.61
	1.5" METAL DECK (ROOF)	10,443	SF	0.030	313.290	\$100.00	\$2.30	\$0.24	\$0.00	\$5.54	\$31,329.00	\$24,019	\$2,522	\$0	\$57,870	\$2.78
	METAL STAIRS/HANDRAIL	4	FLTS				\$0.00	\$0.00	\$34,500.00	\$34,500.00	\$0.00	\$0	\$0	\$139,000	\$6.62	
05 40 00	COLD ROLLED METAL FRAMING															
	METAL STUDS - INTERIOR 4"	30,172	SF	0.030	905.160	\$95.00	\$9.00	\$0.00	\$0.00	\$10.85	\$85,990.20	\$241,376	\$0	\$0	\$327,366	\$15.71
	FURRING INTERIOR OF EXTERIOR WALL	13,032	SF							\$4.50	\$0.00	\$0	\$58,644	\$0	\$58,644	\$2.81
	CEILING FRAMING	767	SF	0.030	23,010	\$95.00	\$6.00	\$0.00	\$0.00	\$8.85	\$2,195.95	\$4,602	\$0	\$0	\$6,798	\$0.33
05 50 00	MISCELLANEOUS METALS	21.10	TONS	15.000	316.521	\$100.00	\$6,000.00	\$0.00	\$0.00	\$7,500.00	\$31,852.10	\$126,608	\$0	\$0	\$158,461	\$7.59
	ALUMINUM SUNSCREEN	297	SF	0.000	0.000	\$100.00	\$0.00	\$0.00	\$20.00	\$20.00	\$0.00	\$0	\$0	\$5,940	\$5,940	\$0.28
	SHEET METAL EXTERIOR WALLS	1,852	SF							\$22.50	\$22.50	\$0.00	\$0	\$41,670	\$41,670	\$2.00
	CANOPY FRAMING FOR BARREL TILE	692	SF	0.000	0.000	\$100.00	\$0.00	\$0.00	\$30.00	\$30.00	\$0.00	\$0	\$0	\$20,760	\$20,760	\$1.00
	MECHANICAL SCREEN WALL	500	SF	0.000	0.000	\$100.00	\$0.00	\$0.00	\$28.75	\$28.75	\$0.00	\$0	\$0	\$14,375	\$14,375	\$0.69
	SUBTOTAL DIVISION 5 COSTS				5923.625						\$587,712	\$798,793	\$90,530	\$228,745	\$1,697,779	\$81.45

ESTIMATE WORKSHEET

CITY OF PATTERSON, CALIFORNIA

PROJECT: PUBLIC SAFETY CENTER
 PHASE: CONCEPT
 ESTIMATE DATE: APRIL 19, 2021
 PREPARED BY: JR CONKEY & ASSOCIATES/LDA

BUILDING: PUBLIC SAFETY CENTER
 BUILDING GSF: 20,844

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 Patterson Public Safety Center Concept Estimate-FINAL

ITEM	DESCRIPTION	QTY	UNIT	CURRENT (CONCEPT)							AMOUNT				TOTAL	TOTAL COST
				PROD RATE/UNIT	MANHOURS	LABOR RATE	MATERIAL	EQUIP	SUB	TOTAL	LABOR	MATERIAL	EQUIP	SUB	COST	PER BLDG SF
DIVISION 6	WOOD AND PLASTIC															
06 10 00	ROUGH CARPENTRY															
	FURRING (INT OF EXT WALL)	13,032	SF	0.020	260.640	\$94.00	\$0.00	\$0.00	\$0.00	\$1.98	\$24,500.16	\$0	\$0	\$0	\$24,500	\$1.18
	MISC BACKING & BLOCKING	20,844	SF	0.001	20.844	\$94.00	\$0.23	\$0.00	\$0.00	\$0.32	\$1,959.34	\$4,794	\$0	\$0	\$6,753	\$0.32
06 20 00	FINISH CARPENTRY															
	MISC FINISH CARPENTRY ALLOWANCE	20,844	SF	0.001	20.844	\$94.00	\$0.25	\$0.00	\$0.00	\$0.34	\$1,959.34	\$5,211	\$0	\$0	\$7,170	\$0.34
	INTERIOR MILLWORK															
	BASE CABINET - PLASTIC LAMINATE	180	LF	0.550	99.000	\$94.00	\$7.25.00	\$0.00	\$0.00	\$7.76.70	\$9,306.00	\$130,500	\$0	\$0	\$139,806	\$6.71
	UPPER CABINET-PLASTIC LAMINATE	119	LF	0.620	97.580	\$94.00	\$500.00	\$0.00	\$0.00	\$577.00	\$9,172.52	\$59,500	\$0	\$0	\$68,673	\$3.29
	SOLID SURFACE COUNTER TOP	58	LF				\$200.00	\$0.00	\$1.15.00	\$3.15.00	\$0.00	\$13,600	\$0	\$7,820	\$21,420	\$1.03
	PLASTIC LAM COUNTER TOP	780	LF				\$150.00	\$0.00	\$9.00	\$2.19.00	\$0.00	\$42,000	\$0	\$19,320	\$61,320	\$2.94
	SHELVES	162	LF						\$1.15.00	\$1.15.00	\$0.00	\$0	\$0	\$2,430	\$2,430	\$0.12
06 64 00	PLASTIC PANELING															
	FRP	100	SF	0.050	5.000	\$94.00	\$2.88	\$0.00	\$0.00	\$7.58	\$470.00	\$288	\$0	\$0	\$758	\$0.04
	SUBTOTAL DIVISION 6 COSTS				503,908						\$47,367	\$255,893	\$0	\$29,570	\$332,830	\$15.97
DIVISION 7	THERMAL AND MOISTURE CONTROL															
07 21 00	INSULATION															
	EXTERIOR															
	BATT INSULATION EXTERIOR STUD WALLS (R-19)	13,032	SF	0.010	130.320	\$85.00	\$0.00	\$0.00	\$0.00	\$0.85	\$11,077.20	\$0	\$0	\$0	\$11,077	\$0.53
	INTERIOR															
	BATT INSULATION STUD WALL PARTITIONS	30,172	SF	0.010	301.720	\$85.00	\$0.00	\$0.00	\$0.00	\$0.85	\$25,646.20	\$0	\$0	\$0	\$25,646	\$1.23
07 45 19	POI VINYL CHLORIDE (PVC) ROOFING															
	SINGLE PLY WINSULATION	10,443	SF				\$20.00	\$0.00	\$1.15.65	\$3.65.65	\$0.00	\$208,860	\$0	\$163,433	\$372,293	\$17.86
	DENSGLAS	10,443	SF				\$5.00	\$0.00	\$2.30	\$7.30	\$0.00	\$52,215	\$0	\$24,019	\$76,234	\$3.66
	TAPERED INSULATION	2,611	SF				\$5.00	\$0.00	\$5.75	\$10.75	\$0.00	\$13,054	\$0	\$15,012	\$28,066	\$1.35
	ROOF WALKWAY PADS	700	SF				\$1.00	\$0.00	\$5.58	\$6.58	\$0.00	\$700	\$0	\$3,904	\$4,604	\$0.22
	PARAPET CAP	352	LF				\$0.00	\$0.00	\$1.7.25	\$1.7.25	\$0.00	\$0	\$0	\$6,072	\$6,072	\$0.29
	BARREL TILE	890	SF				\$5.00	\$0.00	\$1.7.25	\$2.2.25	\$0.00	\$3,460	\$0	\$11,937	\$15,397	\$0.74
07 62 00	SHEET METAL FLASHING AND TRIM															
	SHEET METAL FLASHING ALLOWANCE	443	SF	0.005	2.215	\$85.00	\$2.50	\$0.00	\$0.00	\$2.93	\$188.28	\$1,108	\$0	\$0	\$1,296	\$0.06
07 72 00	ROOF ACCESSORIES															
	ROOF HATCH/LADDER	1	EA				\$2,500.00	\$0.00	\$1,150.00	\$3,650.00	\$0.00	\$2,500	\$0	\$1,150	\$3,650	\$0.18
07 84 13	FIRESTOPPING															
	FIRESTOPPING	20,844	SF	0.003	62.532	\$85.00	\$1.50	\$0.00	\$0.00	\$1.76	\$5,315.22	\$31,266	\$0	\$0	\$36,581	\$1.76
07 92 00	JOINT SEALERS															
	CAULKING & SEALANTS	20,844	SF	0.003	62.532	\$85.00	\$0.00	\$0.00	\$0.00	\$0.26	\$5,315.22	\$0	\$0	\$0	\$5,315	\$0.26
	CEMENT PLASTER	6,147	SF				\$8.00	\$0.00	\$35.00	\$43.00	\$0.00	\$49,176	\$0	\$215,145	\$264,321	\$12.68
	PHENOLIC PANELS	1,540	SF				\$10.00		\$25.00	\$35.00	\$0.00	\$15,400	\$0	\$38,500	\$53,900	\$2.59
	SUBTOTAL DIVISION 7 COSTS				559,319						\$47,542	\$377,738	\$0	\$479,172	\$904,452	\$43.39

ESTIMATE WORKSHEET

CITY OF PATTERSON, CALIFORNIA

PROJECT: PUBLIC SAFETY CENTER
 PHASE: CONCEPT
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BUILDING: PUBLIC SAFETY CENTER
 BUILDING GSF: 20,844

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 4/20/2021
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		CURRENT (CONCEPT)															
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE						AMOUNT				TOTAL COST	TOTAL PER BLDG SF		
				PROD RATE/UNIT	MANHOURS	LABOR RATE	MATERIAL	EQUIP	SUB	TOTAL	LABOR	MATERIAL	EQUIP			SUB	
DIVISION 8	DOORS AND WINDOWS																
00 11 13	METAL DOORS AND FRAMES																
	EXTERIOR																
	INSULATED HOLLOW METAL DOOR (LEAF)	4	EA	2,000	8,000	\$95.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$1,190.00	\$750.00	\$4,000.00	\$0.00	\$0.00	\$4,750.00	\$0.23
	ALUM / GLASS DOOR (LEAF)	5	EA	2,000	12,000	\$95.00	\$2,000.00	\$0.00	\$0.00	\$0.00	\$2,190.00	\$1,140.00	\$12,000.00	\$0.00	\$0.00	\$13,140.00	\$0.63
	HOLLOW METAL FRAME	2	EA	1,000	2,000	\$95.00	\$450.00	\$0.00	\$0.00	\$0.00	\$545.00	\$190.00	\$900.00	\$0.00	\$0.00	\$1,090.00	\$0.05
	HOLLOW METAL FRAME (PAIR)	1	EA	1,500	1,500	\$95.00	\$750.00	\$0.00	\$0.00	\$0.00	\$892.50	\$142.50	\$750.00	\$0.00	\$0.00	\$893.00	\$0.04
	INTERIOR																
	INSULATED HOLLOW METAL DOOR (LEAF)	5	EA	2,000	12,000	\$95.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$2,690.00	\$1,140.00	\$15,000.00	\$0.00	\$0.00	\$16,140.00	\$0.77
	HOLLOW METAL FRAME	71	EA	1,000	71,000	\$95.00	\$450.00	\$0.00	\$0.00	\$0.00	\$545.00	\$6,745.00	\$31,950.00	\$0.00	\$0.00	\$38,695.00	\$1.86
	LIGHT	31	EA	1,500	46,500	\$95.00	\$250.00	\$0.00	\$0.00	\$0.00	\$392.50	\$4,417.50	\$7,750.00	\$0.00	\$0.00	\$12,168.00	\$0.58
00 21 10	FLUSH WOOD DOORS																
	INT SOLID CORE WOOD DOOR (WOOD VENEER)	65	EA	1,500	97,500	\$95.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$1,142.50	\$9,262.50	\$65,000.00	\$0.00	\$0.00	\$74,263.00	\$3.56
00 30 50	ACCESS DOORS																
	ACCESS DOORS - ALLOWANCE	1	LS				\$500.00	\$0.00	\$1,725.00	\$0.00	\$2,225.00	\$0.00	\$500.00	\$0.00	\$1,725.00	\$2,225.00	\$0.11
00 40 00	ALUMINUM ENTRANCES AND STOREFRONTS - EXTERIOR	283	SF				\$95.00	\$0.00	\$95.25	\$0.00	\$171.25	\$0.00	\$24,055.00	\$0.00	\$24,079.00	\$49,464.00	\$2.33
00 51 13	ALUMINUM WINDOWS - EXTERIOR	1,361	SF				\$85.00	\$0.00	\$75.00	\$0.00	\$160.00	\$0.00	\$115,685.00	\$0.00	\$102,075.00	\$217,760.00	\$10.45
00 62 50	TUBULAR SKYLIGHTS																
00 71 00	HARDWARE																
	FINISH HARDWARE (EXTERIOR) (PER LEAF)	10	EA	1,000	10,000	\$95.00	\$1,400.00	\$0.00	\$0.00	\$0.00	\$1,495.00	\$950.00	\$14,000.00	\$0.00	\$0.00	\$14,950.00	\$0.72
	FINISH HARDWARE (INTERIOR) (PER LEAF)	65	EA	1,000	65,000	\$95.00	\$920.00	\$0.00	\$0.00	\$0.00	\$1,015.00	\$6,175.00	\$59,800.00	\$0.00	\$0.00	\$65,975.00	\$3.17
	ADDS																
	PROXIMITY CARD SYSTEM (ALLOWANCE)	6	EA	2,000	12,000	\$95.00	\$350.00	\$0.00	\$0.00	\$0.00	\$540.00	\$1,140.00	\$2,100.00	\$0.00	\$0.00	\$3,240.00	\$0.16
	SUBTOTAL DIVISION 8 COSTS				337,500							\$32,063	\$353,490	\$0	\$128,209	\$513,761	\$24.65
DIVISION 9	FINISHES																
00 29 00	GYPSUM BOARD SYSTEMS																
	EXTERIOR WALL																
	EXTERIOR OF EXTERIOR WALL	13,032	SF	0.020	260,640	\$85.00	\$2.00	\$0.00	\$0.00	\$3.70	\$22,154.40	\$26,064.00	\$0.00	\$0.00	\$48,218.00	\$2.31	
	INTERIOR OF EXTERIOR WALLS	13,032	SF	0.020	260,640	\$85.00	\$2.00	\$0.00	\$0.00	\$3.70	\$22,154.40	\$26,064.00	\$0.00	\$0.00	\$48,218.00	\$2.31	
	INTERIOR WALL																
	EACH SIDE OF PARTITION	60,344	SF	0.020	1206,880	\$85.00	\$2.00	\$0.00	\$0.00	\$3.70	\$102,584.80	\$120,688.00	\$0.00	\$0.00	\$223,273.00	\$10.71	
	CEILING																
	GYPSUM BOARD CEILING	767	SF	0.022	16,874	\$85.00	\$2.00	\$0.00	\$0.00	\$3.87	\$1,434.29	\$1,534.00	\$0.00	\$0.00	\$2,968.00	\$0.14	
00 30 00	CERAMIC TILE																
	CERAMIC TILE FLOORS	1,682	SF	0.099	166,318	\$84.00	\$15.00	\$0.00	\$0.00	\$23.32	\$15,650.71	\$28,230.00	\$0.00	\$0.00	\$43,881.00	\$2.11	
	CERAMIC TILE WALLS	3,108	SF	0.100	310,800	\$84.00	\$12.08	\$0.00	\$0.00	\$20.48	\$26,107.30	\$37,529.00	\$0.00	\$0.00	\$63,636.00	\$3.05	
00 51 13	ACOUSTICAL PANEL CEILINGS																
	SUSPENDED ACOUSTICAL CEILING TILE & GRID 2x2	18,637	SF	0.020	372,740	\$84.00	\$5.90	\$0.00	\$0.00	\$9.58	\$31,310.16	\$129,595.00	\$0.00	\$0.00	\$159,905.00	\$7.67	
00 65 66	RESILIENT ATHLETIC FLOORING																
	RUBBER FLOORING	573	SF	0.025	14,325	\$78.00	\$12.00	\$0.00	\$0.00	\$13.95	\$1,117.35	\$6,876.00	\$0.00	\$0.00	\$7,993.00	\$0.38	
	RESILIENT FLOORING																
	SHEET VINYL	392	SF	0.016	6,272	\$70.00	\$4.00	\$0.00	\$0.00	\$5.25	\$493.22	\$1,560.00	\$0.00	\$0.00	\$2,053.00	\$0.10	
	LOBBY FLOOR ALLOWANCE	1,187	SF	0.016	18,992	\$78.00	\$10.00	\$0.00	\$0.00	\$11.25	\$1,481.38	\$11,870.00	\$0.00	\$0.00	\$13,351.00	\$0.64	
	VCT	898	SF	0.016	14,368	\$78.00	\$7.00	\$0.00	\$0.00	\$9.25	\$1,120.70	\$6,286.00	\$0.00	\$0.00	\$7,407.00	\$0.36	
	STATIC RESIST. VCT	136	SF	0.016	2,208	\$78.00	\$5.00	\$0.00	\$0.00	\$6.25	\$172.22	\$690.00	\$0.00	\$0.00	\$862.00	\$0.04	
00 65 13	RESILIENT BASE AND ACCESSORIES																
	BASE	4,361	LF	0.015	65,415	\$78.00	\$3.85	\$0.00	\$0.00	\$5.02	\$5,102.37	\$16,801.00	\$0.00	\$0.00	\$21,903.00	\$1.05	

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C U R R E N T (C O N C E P T)																
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE							AMOUNT				TOTAL	TOTAL COST
				PROD RATE/UNIT	MANHOURS	LABOR RATE	MATERIAL	EQUIP	SUB	TOTAL	LABOR	MATERIAL	EQUIP	SUB	COST	PER BLDG SF
09 65 36	STATIC CONTROL RESILIENT FLOORING															
09 67 23	RESINOUS FLOORING															
09 68 13	TILE CARPETING															
	CARPET	13,243	SF	0.020	264,860	\$80.56	\$7.00	\$0.00	\$0.00	\$9.61	\$21,337.12	\$92,701	\$0	\$0	\$114,039	\$5.47
09 90 00	PAINT															
	WALLS															
	PAINT GYPSUM BOARD WALLS	60,344	SF	0.005	301,720	\$80.56	\$0.58	\$0.00	\$0.00	\$0.98	\$24,306.56	\$34,698	\$0	\$0	\$59,004	\$2.83
	PAINT GYPSUM BOARD WALLS (INT OF EXT WALLS)	20,844	SF	0.005	104,220	\$80.56	\$0.58	\$0.00	\$0.00	\$0.98	\$8,395.96	\$12,090	\$0	\$0	\$20,486	\$0.98
	PAINT NEW DOORS & FRAMES (LEAF)	65	EA	0.535	34,775	\$80.56	\$50.00	\$0.00	\$0.00	\$93.10	\$2,801.47	\$3,250	\$0	\$0	\$6,051	\$0.29
	MISCELLANEOUS PAINT	1	LS	40.000	40,000	\$80.56	\$1,840.00	\$0.00	\$0.00	\$5,062.40	\$3,222.40	\$1,840	\$0	\$0	\$5,062	\$0.24
	SEAL/PAINT PLASTER WALLS (EXTERIOR)	6,147	SF	0.009	55,323	\$80.56	\$1.25	\$0.00	\$0.00	\$1.98	\$4,456.62	\$7,684	\$0	\$0	\$12,141	\$0.58
	SEAL/PAINT CMU WALLS (EXTERIOR)	2,941	SF	0.009	26,469	\$80.56	\$1.25	\$0.00	\$0.00	\$1.98	\$2,132.94	\$3,676	\$0	\$0	\$5,809	\$0.29
	CEILINGS / FLOORS															
	PAINT GYPSUM BOARD CEILING	757	SF	0.005	3,835	\$80.56	\$0.58	\$0.00	\$0.00	\$0.98	\$308.95	\$445	\$0	\$0	\$754	\$0.04
	SEAL EXPOSED CONCRETE	247	SF	0.000	0.000	\$80.56	\$0.58	\$0.00	\$0.00	\$0.58	\$0.00	\$143	\$0	\$0	\$143	\$0.01
	PAINT / STAIN DOORS	69	EA			\$80.56	\$0.00	\$0.00	\$143.75	\$143.75	\$0.00	\$0	\$0	\$9,919	\$0.49	
	SUBTOTAL DIVISION 9 COSTS				3567.674						\$297,841	\$569,322	\$0	\$9,919	\$877,081	\$42.08
DIVISION 10	SPECIALTIES															
10 11 00	VISUAL DISPLAY SYSTEMS															
	ALLOWANCE	1	LS				\$0.00	\$0.00	\$20,000.00	\$20,000.00	\$0.00	\$0	\$0	\$20,000	\$20,000	\$0.96
10 14 00	SIGNAGE															
	SIGNAGE ALLOWANCE (INTERIOR)	20,844	SF	0.000	0.000	\$0.00	\$0.00	\$0.00	\$1.00	\$1.00	\$0.00	\$0	\$0	\$20,844	\$20,844	\$1.00
10 21 13	TOILET COMPARTMENTS															
	TOILET PARTITIONS - ADA	7	EA	2.000	14,000	\$80.56	\$350.00	\$0.00	\$0.00	\$511.12	\$1,127.84	\$2,450	\$0	\$0	\$3,578	\$0.17
	TOILET PARTITIONS - REGULAR	5	EA	1.500	7,500	\$80.56	\$350.00	\$0.00	\$0.00	\$470.84	\$604.20	\$1,750	\$0	\$0	\$2,354	\$0.11
	URINAL SCREENS	4	EA	0.500	2,000	\$80.56	\$350.00	\$0.00	\$0.00	\$390.28	\$161.12	\$1,400	\$0	\$0	\$1,561	\$0.07
10 29 00	TOILET AND BATH ACCESSORIES															
	TOILET PAPER DISPENSER	14	EA	0.500	7,000	\$80.56	\$45.00	\$0.00	\$0.00	\$95.28	\$563.92	\$630	\$0	\$0	\$1,194	\$0.06
	GRAB BARS	22	EA	0.500	11,000	\$80.56	\$65.00	\$0.00	\$0.00	\$105.28	\$886.16	\$1,430	\$0	\$0	\$2,316	\$0.11
	TOILET SEAT COVER DISPENSER	14	EA	0.500	7,000	\$80.56	\$50.00	\$0.00	\$0.00	\$90.28	\$563.92	\$700	\$0	\$0	\$1,264	\$0.06
	PAPER TOWEL DISPENSER / WASTE	8	EA	0.500	4,000	\$80.56	\$50.00	\$0.00	\$0.00	\$540.28	\$322.24	\$4,000	\$0	\$0	\$4,222	\$0.21
	STAINLESS STEEL FRAMED MIRROR	13	EA	0.500	6,500	\$80.56	\$200.00	\$0.00	\$0.00	\$240.28	\$523.64	\$2,600	\$0	\$0	\$3,124	\$0.15
	LARGE MIRROR	0	EA	0.500	0.000	\$80.56	\$225.00	\$0.00	\$0.00	\$265.28	\$0.00	\$0	\$0	\$0	\$0.00	\$0.00
	SOAP DISPENSER	13	EA	0.500	6,500	\$80.56	\$75.00	\$0.00	\$0.00	\$115.28	\$523.64	\$975	\$0	\$0	\$1,499	\$0.07
	FEMININE NAPKIN DISPOSAL	4	EA	0.500	2,000	\$80.56	\$225.00	\$0.00	\$0.00	\$265.28	\$161.12	\$900	\$0	\$0	\$1,061	\$0.05
	BABY CHANGING TABLE	1	EA	0.500	0.500	\$80.56	\$500.00	\$0.00	\$805.00	\$1,345.28	\$40.28	\$500	\$0	\$605	\$1,345	\$0.06
	SHOWER SEAT	2	EA	0.500	1,000	\$80.56	\$500.00	\$0.00	\$230.00	\$770.28	\$80.56	\$1,000	\$0	\$460	\$1,541	\$0.07
10 35 00	FLAGPOLES (SEE SITEWORK)															
10 44 13	FIRE EXTINGUISHERS, CABINETS, AND ACCESSORIES															
	FIRE EXTINGUISHER & CABINET ALLOWANCE	4	EA	0.250	1,000	\$80.56	\$850.00	\$0.00	\$0.00	\$970.14	\$80.56	\$3,400	\$0	\$0	\$3,481	\$0.17
10 51 13	METAL LOCKERS															
	LOCKER	19	EA	0.260	4,690	\$80.56	\$1,000.00	\$0.00	\$0.00	\$1,020.95	\$377.02	\$18,000	\$0	\$0	\$19,377	\$0.89
	SUBTOTAL DIVISION 10 COSTS				74.693		\$0.00	\$0.00	\$0.00		\$6,016	\$39,735	\$0	\$42,109	\$87,860	\$4.22

ESTIMATE WORKSHEET

CITY OF PATTERSON, CALIFORNIA

PROJECT: PUBLIC SAFETY CENTER
 PHASE: CONCEPT
 ESTIMATE DATE: APRIL 19, 2021
 PREPARED BY: JR CONKEY & ASSOCIATES/LDA

BUILDING: PUBLIC SAFETY CENTER
 BUILDING GSF: 20,844

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 4/20/2021
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 Patterson Public Safety Center Concept Estimate-FINAL

		CURRENT (CONCEPT)														TOTAL	TOTAL COST
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE						AMOUNT				TOTAL COST	TOTAL PER BLDG SF		
				PROD RATE/UNIT	MANHOURS	LABOR RATE	MATERIAL	EQUIP	SUB	TOTAL	LABOR	MATERIAL	EQUIP			SUB	
DIVISION 12	FURNISHINGS																
12 51 00	HORIZONTAL BLINDS	283	SF	0.018	5.094	\$90.56	\$12.00	\$0.00	\$0.00	\$13.45	\$410.37	\$3.396	\$0	\$0	\$3.806	\$0.18	
	SUBTOTAL DIVISION 12 COSTS				5.094		\$0.00	\$0.00	\$0		\$410	\$3.396	\$0	\$0	\$3.806	\$0.18	
DIVISION 14	CONVEYING SYSTEMS																
	TWO STOP ELEVATOR	1	EA						\$125,000.00	\$125,000.00	\$0.00	\$0	\$0	\$125,000	\$125,000	\$6.00	
	CAB FINISH ALLOWANCE	1	LS						\$15,000.00	\$15,000.00	\$0.00	\$0	\$0	\$15,000	\$15,000	\$0.72	
	SUBTOTAL DIVISION 13 COSTS										\$0	\$0	\$0	\$140,000	\$140,000	\$6.72	
	MECHANICAL																
21 00 00	FIRE PROTECTION	20,844	SF	0.040	833.760	\$90.30	\$4.50	\$1.15	\$0.00	\$9.25	\$75,288.53	\$93.798	\$23,971	\$0	\$193,057	\$9.26	
22 00 00	PLUMBING																
	FLOOR DRAINS	10	EA	2.000	20.000	\$90.30	\$0.00	\$0.00	\$0.00	\$180.60	\$1,806.00	\$0	\$0	\$0	\$1,806	\$0.09	
	LAVATORY	13	EA	4.000	52.000	\$90.30	\$0.00	\$0.00	\$0.00	\$361.20	\$4,695.60	\$0	\$0	\$0	\$4,696	\$0.23	
	WATER CLOSET	14	EA	4.000	55.000	\$90.30	\$0.00	\$0.00	\$0.00	\$361.20	\$5,056.80	\$0	\$0	\$0	\$5,057	\$0.24	
	URINAL	7	EA	4.000	28.000	\$90.30	\$0.00	\$0.00	\$0.00	\$361.20	\$2,528.40	\$0	\$0	\$0	\$2,528	\$0.12	
	SS SINK	2	EA	3.000	6.000	\$90.30	\$0.00	\$0.00	\$0.00	\$270.90	\$541.80	\$0	\$0	\$0	\$542	\$0.03	
	JANITOR SINK	2	EA	3.000	6.000	\$90.30	\$0.00	\$0.00	\$0.00	\$270.90	\$541.80	\$0	\$0	\$0	\$542	\$0.03	
	SHOWER	12	EA	4.000	48.000	\$90.30	\$0.00	\$0.00	\$0.00	\$361.20	\$4,334.40	\$0	\$0	\$0	\$4,334	\$0.21	
	EDF	3	EA	4.000	12.000	\$0.00	\$977.50	\$0.00	\$0.00	\$977.50	\$0.00	\$2,933	\$0	\$0	\$2,933	\$0.14	
	GAS PIPING	20,844	SF	0.003	62.532	\$90.30	\$0.29	\$0.00	\$0.00	\$0.56	\$5,646.64	\$6.045	\$0	\$0	\$11,691	\$0.56	
	SUPPLY, WASTE AND VENT	20,844	SF	0.100	2,084.400	\$90.30	\$5.00	\$0.00	\$0.00	\$14.03	\$188,221.32	\$104,220	\$0	\$0	\$292,441	\$14.03	
	WATER HEATER	4	EA	2.000	8.000	\$90.30	\$3,000.00	\$0.00	\$0.00	\$3,180.60	\$722.40	\$12,000	\$0	\$0	\$12,722	\$0.61	
23 00 00	HVAC																
	HVAC SYSTEM	20,844	SF				\$12.00	\$0.00	\$40.25	\$52.25	\$0.00	\$260,128	\$0	\$838,971	\$1,089,099	\$52.25	
	SUBTOTAL DIVISION 21,22,23 COSTS				3216.692						\$289,384	\$469,123	\$23,971	\$838,971	\$1,621,449	\$77.79	
DIVISION 26	ELECTRICAL																
26 05 00	BUILDING ELECTRICAL, POWER, LIGHTING, SPECIAL SYSTE	20,844	SF				\$17.50	\$0.00	\$51.75	\$69.25	\$0.00	\$364,770	\$0	\$1,078,677	\$1,443,447	\$69.25	
26 31 00	FIRE ALARM SYSTEM																
	FIRE ALARM SYSTEM	20,844	SF				\$0.00	\$0.00	\$6.00	\$6.00	\$0.00	\$0	\$0	\$125,064	\$125,064	\$6.00	
	OTHER																
	SECURITY	20,844					\$0.50	\$0.00	\$5.00	\$5.50	\$0.00	\$10,422	\$0	\$104,220	\$114,642	\$5.50	
	MISC	20,844	SF				\$0.50	\$0.00	\$2.30	\$2.80	\$0.00	\$10,422	\$0	\$47,941	\$58,363	\$2.80	
	SUBTOTAL DIVISION 26,27,28 COSTS				0.000						\$0	\$385,614	\$0	\$1,368,092	\$1,753,706	\$84.13	
NOTE:	EXCLUDES HAZARDOUS MATERIAL ABATEMENT COSTS																
	EXCLUDES MODULAR FURNITURE (BY OTHERS)																
	EXCLUDES UNFORESEEN UNDERGROUND ITEMS																
	SUBTOTAL BUILDING DIRECT COSTS				TOTAL MANHOURS:	18233.692					\$1,693,845	\$3,593,732	\$148,152	\$3,292,782	\$8,728,511	\$418.75	

ESTIMATE WORKSHEET

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 Patterson Public Safety Center Concept Estimate-FINAL

ITEM	DESCRIPTION	QTY	UNIT	C U R R E N T (C O N C E P T)							TOTAL COST	TOTAL PER BLDG SF			
				U N I T P R I C E				A M O U N T							
				PROD RATE/UNIT	MANHOURS	LABOR RATE	MATERIAL	EQUIP	SUB	TOTAL			LABOR	MATERIAL	EQUIP
SUBTOTAL CONSTRUCTION COSTS											\$8,728,511	\$418.75			
	ESTIMATING CONTINGENCY											10.00%	\$872,851	\$41.88	
	MARKET CONDITIONS ALLOWANCE											5.00%	\$436,426	\$20.94	
MARK-UPS															
	GENERAL CONDITIONS											15.00%	\$1,505,668	\$72.24	
	OVERHEAD & PROFIT											12.00%	\$1,385,215	\$66.46	
	INSURANCE & BONDS											2.00%	\$258,573	\$12.41	
SUBTOTAL MARK-UPS + CONTINGENCY+MARKET CONDITIONS+CONSTRUCTION											\$12,750,818	\$511.73			
ESCALATION															
	ESCALATION TO BID DATE											3.75%	(9 MONTHS AT 5%)	\$478,156	\$22.94
	ESCALATION FROM BID TO MIDPOINT OF CONST											2.08%	(5 MONTHS AT 5%)	\$275,604	\$13.22
SUBTOTAL CONSTRUCTION COSTS & MARK-UPS											\$13,228,974	\$634.67			
EXCLUDES NON-CONSTRUCTION COSTS, FF&E, FEES, ETC.															
TOTAL ESTIMATE:											\$13,228,974	\$634.67			